

The ENEMY

Mikko Hypponen
CRO, F-Secure



twitter.com/mikko

Protecting the irreplaceable | f-secure.com



Mob. Mac. Mil.







The Three Main Sources of Cyber Attacks

Criminals



Hactivists



Governments





Organized Online Criminals



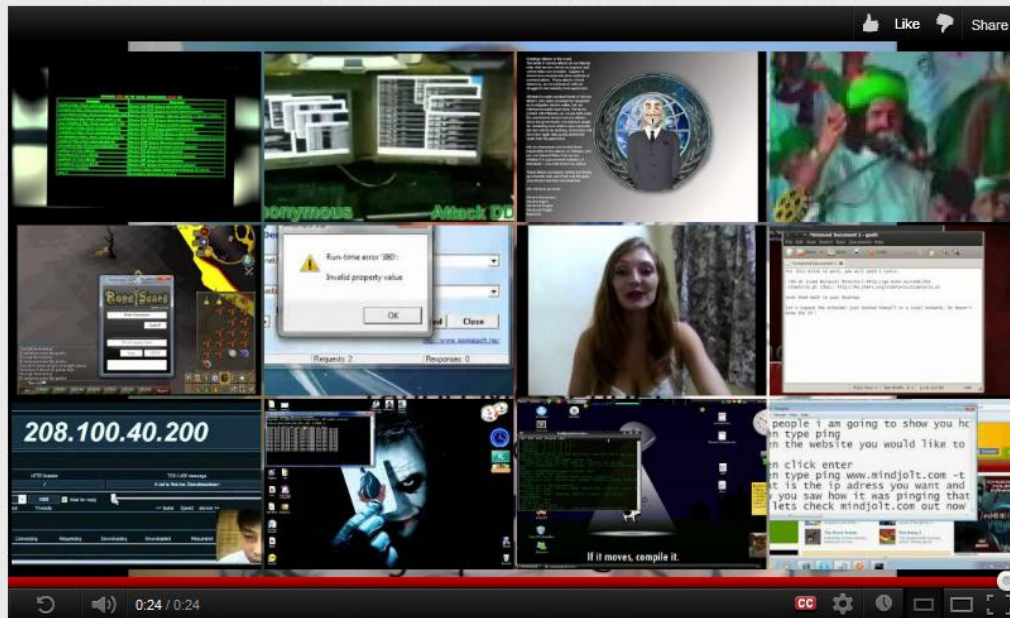
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Gwapo's Professional DDOS Service (Take down websites for long term)

Gwapologist

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Lataa video



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16,778



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Service Website : <http://www.ddosservice.org/>

Email Us : gwapo@hackforums.net

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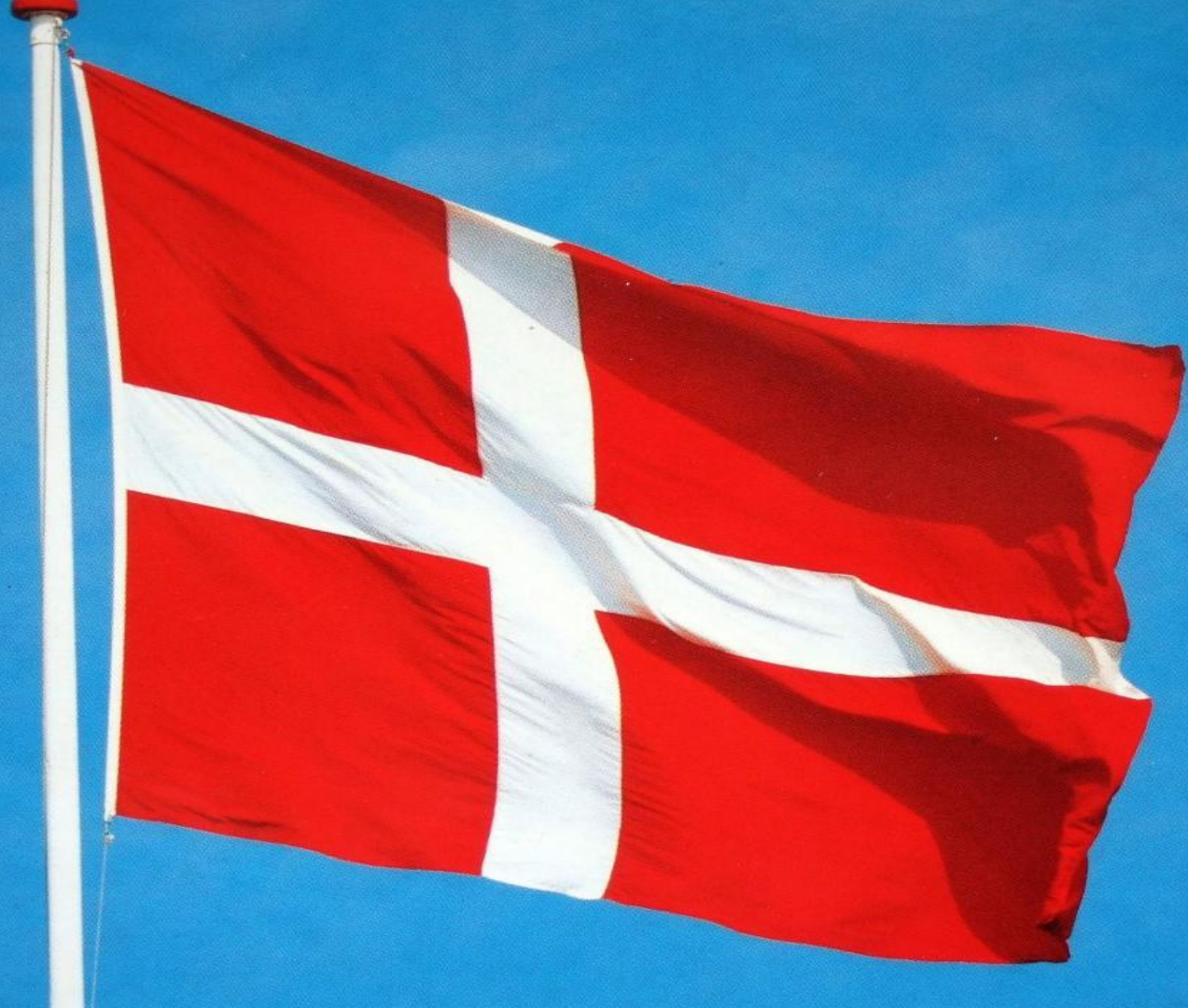
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Anonymous on latest






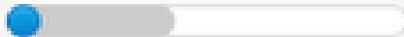







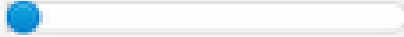
Dra Sending Co

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Apply for the courier position to receive parcels ordered by our clients worldwide at your address. Get paid for every parcel you receive!

You will receive up to 25 parcels weekly, we will ask you to send them to us within 1-2 days. You will receive pre-paid labels for every parcel you send out.



BROWSERS ↓	HITS	HOSTS	LOADS	%	
 Chrome >	112654	18305	16	0.46	
 Firefox >	93164	39359	5490	13.97	
 MSIE >	217897	87742	13594	15.51	
 Mozilla >	1299	301	0	0.00	
 Opera >	2718	969	7	15.91	
 Safari >	22467	4301	6	0.79	

EXPLOITS

LOADS

%



Java Rhino >

16144

83.36



PDF LIBTIFF >

1923

9.93



PDF ALL >

497

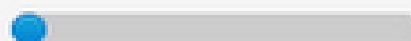
2.57



Java OBE >

366

1.89



HCP >

225

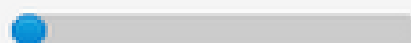
1.16



FLASH >

124

0.64



MDAC >

87


0.45








"qruiokd"


 19.09.2011, 22:53




antichat

mobi2
Новичок
Регистрация: 14.03.2011
Сообщения: 0
Провел на форуме:
1 день 2 часа 57 минут

Репутация: 0



Это авторы carbera
qruiokd@jabber.org
kkhhkk@xmpp.jp





Ransom Trojans



Starting Windows



Recycle Bin



DOSBox 0.74



thinkpad



CPU Overheat
Scan



ssh



1st.txt

**ALL YOUR PERSONAL FILES WERE ENCRYPTED
WITH A STRONG ALGORITHM RSA-1024
AND YOU CAN'T GET AN ACCESS TO THEM
WITHOUT MAKING OF WHAT WE NEED!**

**READ 'HOW TO DECRYPT' TXT-FILE
ON YOUR DESKTOP FOR DETAILS**

JUST DO IT AS FAST AS YOU CAN!

**REMEMBER: DON'T TRY TO TELL SOMEONE
ABOUT THIS MESSAGE IF YOU WANT TO GET
YOUR FILES BACK! JUST DO ALL WE TOLD.**

Start



Notepad



Photo Viewer Slide Sh...



15:41

ke. 6.4.2011

Attention!!!

All your personal files (photo, documents, texts, databases, certificates) have been encrypted by a very strong cypher RSA-1024. The original files were deleted. You can check - just look for files in all folders.

There is no possibility to decrypt these files without a special decrypt program! Nobody can help you - even don't try to find another method or tell anybody. Also after n days all encrypted files will be completely deleted and you will have no chance to get it back.

We can help to solve this task for 125\$ via ukash/psc pre-paid cards. And remember: any harmful or bad words to our side will be a reason for ingoring your message and nothing will be done. For details you have to send your request on this e-mail (attach to message a full serial key shown below in this 'how to..' file on desktop): filemaker@safe-mail.net

B4784F8A374D50561933D6ADE9AC94B97E266B04A36624158E26689A774E6
8AEDD1ABC32771898C784A7189F82BC0F9D7E1A1C602BE26B05B829996AE9
B709550B9A661FBF3ED18A3EA5AE57AAA9E100A7F107339E6D548B587FD29
CBBBD73B78723776881602890E316A321C885A0683D59D7BCC3143780D4D6



Windows license locked!

This copy of Windows is locked. You may be a victim of a fraud or there may be an internal system error.

To continue using Windows you should complete activation.

Activation is absolutely free and is simply a formality. You do not need to pay for the license and you will not be required to provide any personal data.

Until activation is complete, all data on the computer will be locked for security purposes.

System reinstallation may lead to the loss of personal data.

To continue click **Next**



English



Next



Activation of Windows by phone

Activation by SMS is not available.
Activation via the Internet is not available.

Of all the possible activation options, activation by phone is available to you. Activation is completely free and automated. The license is not required. There are only 3 steps:

1. Call one of the numbers below to enter your installation code:

00261221000181
00881935211841
004525970180
002392216469
002392216368
00261221000183

[How to make a call from a mobile phone?](#)

[How to make a call from a home phone?](#)

[My call can't get through!](#)

The call from your country is: **free of charge**

2. Enter the following code on your phone's keypad when requested:

7*108#

[How to enter code?](#)

3. Enter the received activation key:



English ▼

Back

Activation



Copyright violation: copyrighted content detected

Windows has detected that you are using content that was downloaded in violation of the copyright of its respective owners. Please read the following bulletin and try solving the problem in one of the recommended ways.

[English](#)

What has happened?

During the system scan Antipiracy foundation scanner has detected copyright issues. Please take a look at the list and choose an action: pass the case to a court or settle it in pre-trial order by paying a fine.

How could it happen?

You may have been using file-sharing clients, torrents or downloaded the content in question straight from the website. In any of those cases you have violated the copyright of respective owners. In most countries this kind of action is prosecuted and serious penalties are imposed. Maximum penalties can be five years in prison and up to \$250,000 in fines.

Files detected

License code



XXXXX - XXXXX - XXXXX - XXXXX

Lawsuits preview



Page 1/2



Page 2/2



copyright
alliance



A co-project by ICPP foundation



Evidence list

[Show details...](#)

Used IPs log

176.4.2.0
176.4.2.0
176.4.2.0

Type of violation

p2p\warez movie download
p2p\warez games download
p2p\warez mp3 download

Antipiracy news

12/02/2010

[New antipiracy measures are being taken against illegal content](#)

26/12/2009

[Antipiracy client updated: Download version 2.0 and scan your PC for illegal and spyware content \(e. g. music and videos\)](#)

Choose an action

If you are sure that you can't have download that content to your PC or there was nothing you could do to avoid it, press "Pass the case to court" button and pass the case to court

If these files belong to you, but you would rather avoid all the expenses associated with settling the issue in court, you can settle your case in pre-trial order by pressing "Solve..." button

[Enter a previously purchased license code](#)



Computer Crime & Intellectual Property Section United States Department of Justice



Attention!

This operating system is locked due to the violation of the federal laws of the United States of America! Following violations were detected:

Your IP address is "193.110.109.30". This IP address was used to visit websites containing pornography, child pornography, zoophilia and child abuse. Your computer also contains video files with pornographic content, elements of violence and child pornography! Spam-messages with terrorist motives were also sent from your computer.

This computer lock is aimed to stop your illegal activity.

Your details:

IP:193.110.109.30

Location: Finland, Helsinki

ISP: F-Secure OYj

To unlock the computer you are obliged to pay a fine of \$ 100.

You must pay the forfeit through Paysafecard:

To do this, you should enter the 16 digits resulting code (if necessary with a password) in the payment form and press OK (if you have several codes, enter them one after the other and press OK).

If an error occurs, send the codes to address
surcharge@cyber-usa-police.gov.



pay cash. pay safe.

Where can I buy Paysafecard?

Paysafecard is available from 350,000 sales outlets worldwide, in the United States from IPP, epay, precash and blackhawk outlets.

payXchange



King Kullen



OK



BUNDESPOLIZEI

NATIONAL CYBER CRIMES UNIT

ACHTUNG!!!



Achtung!!!

Das Betriebssystem wurde im Zusammenhang mit Verstoßen gegen die Gesetze der Bundesrepublik Deutschland gesperrt!

Es wurde folgender Verstoß festgestellt: Ihre IP Adresse lautet "**193.110.109.30**" mit dieser IP wurden Seiten mit pornografischen Inhalten, Kinderpornographie, Sodomie und Gewalt gegen Kinder aufgerufen. Auf Ihrem Computer wurden ebenfalls Videodateien mit pornografischen Inhalten, Elementen von Gewalt und Kinderpornografie festgestellt!

Es wurden auch Emails in Form von Spam, mit terroristischen Hintergründen, verschickt. Diese Sperre des Computers dient dazu, Ihre illegalen Aktivitäten zu unterbinden.

IP:193.110.109.30

Location: Finland, Helsinki

ISP: F-Secure OYj

Um die Sperre des Computers aufzuheben, sind Sie dazu verpflichtet eine Strafe von 100 Euro zu zahlen.

Die Zahlung per Ukash begleichen:

Dazu geben Sie bitte den erworbenen Code in das Zahlungsfeld ein und drücken Sie anschließend auf OK (haben Sie mehrere Codes, so geben Sie Diese einfach nacheinander ein und drücken Sie anschließend auf OK).

Sollte das System Fehler melden, so müssen Sie den Code per Email ezahlung@inter-bundeskriminalamt.eu versenden.

Ukash Wo kann ich Ukash kaufen?

Es gibt unzählige Möglichkeiten, Ukash zu erwerben, z. B. in Geschäften, Kiosken, per Geldautomat, online oder über eine E-Wallet (elektronische Geldbörse). Nachstehend finden Sie eine Liste, aus der hervorgeht, wo Sie in Ihrem Land Ukash erwerben können.



Tankstellen - jetzt auch erhältlich beifolgenden Tankstellen: Agip, Avia, Esso, OMV, Q1 und Westfalen.



Epay - Kaufen Sie Ukash in vielen tausend Supermärkten oder Call- Shops, in denen Sie dieses Logo sehen.

OK



Mobile



<http://www.f-secure.com/weblog>

MOBILE THREAT REPORT

Q1 2012

F-Secure 

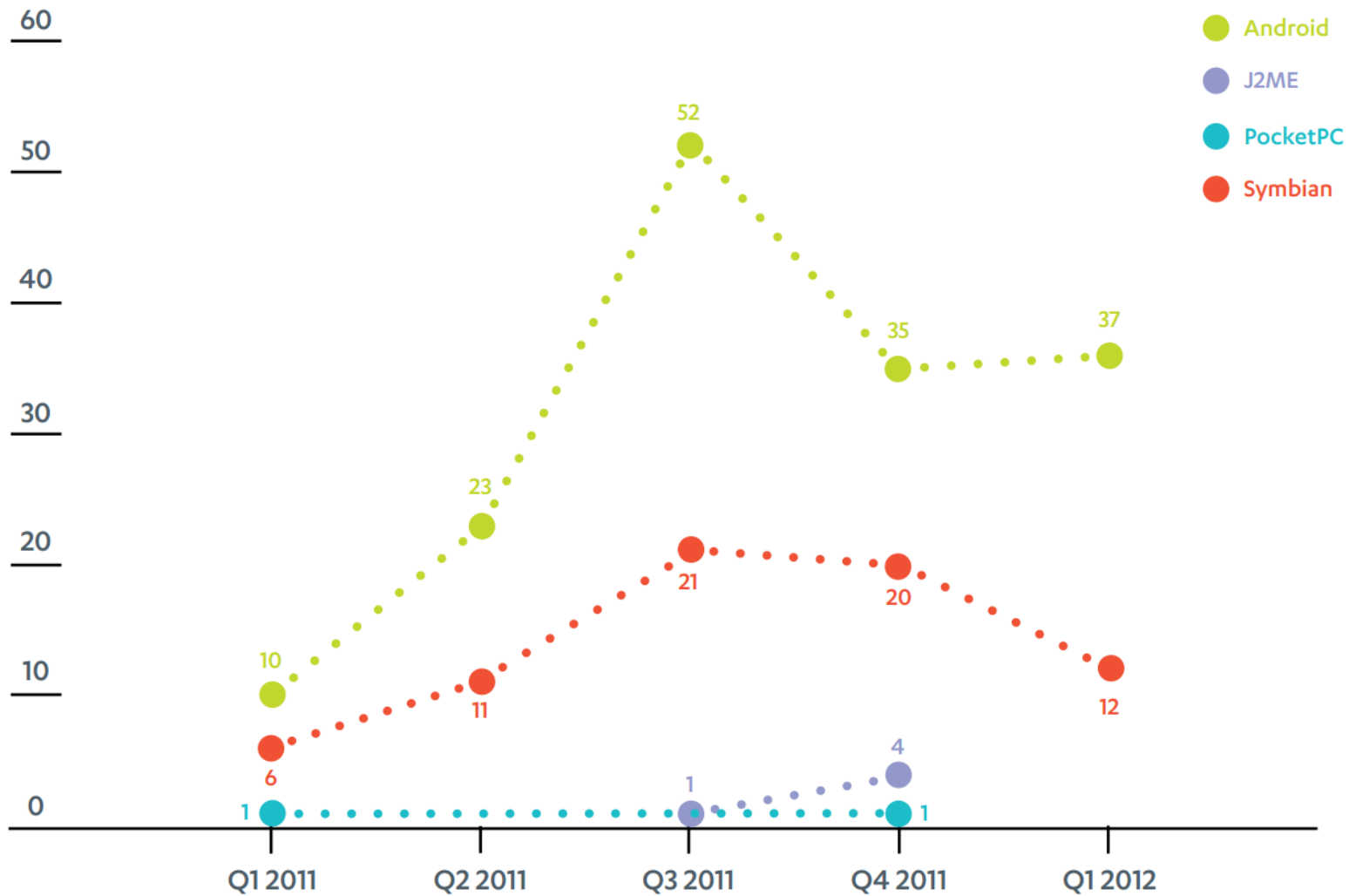
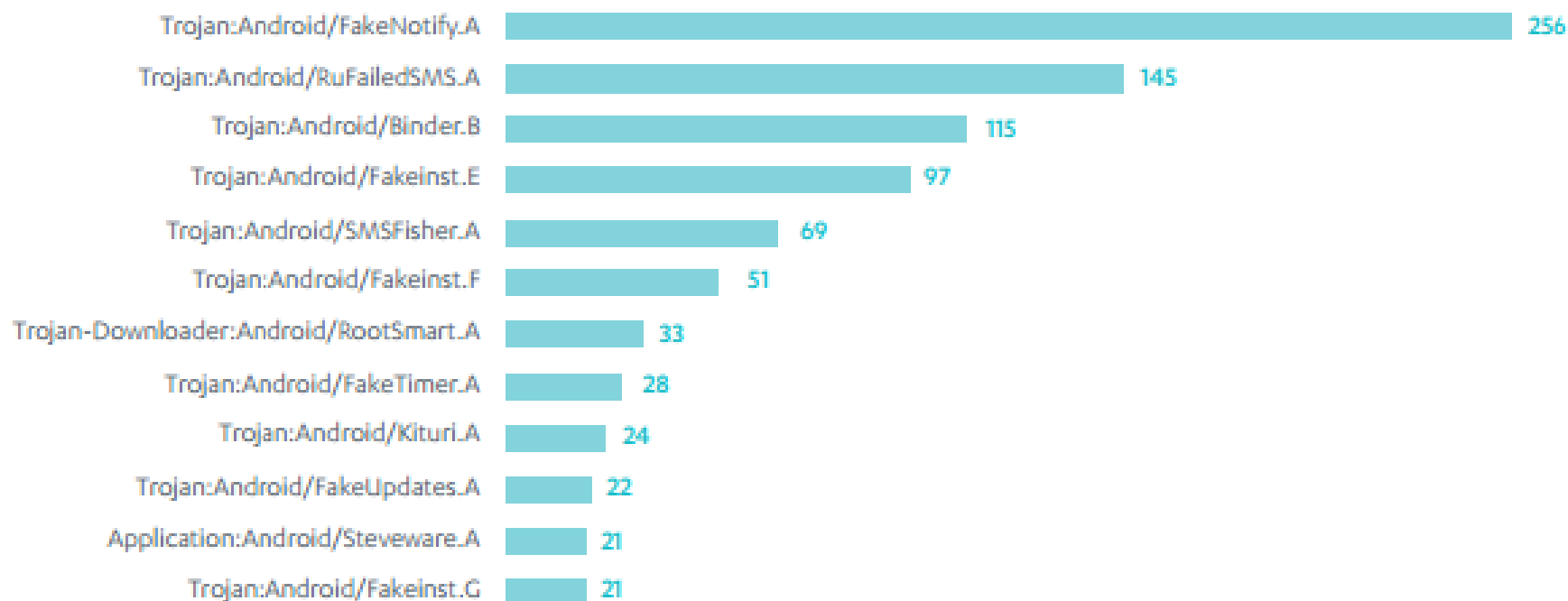


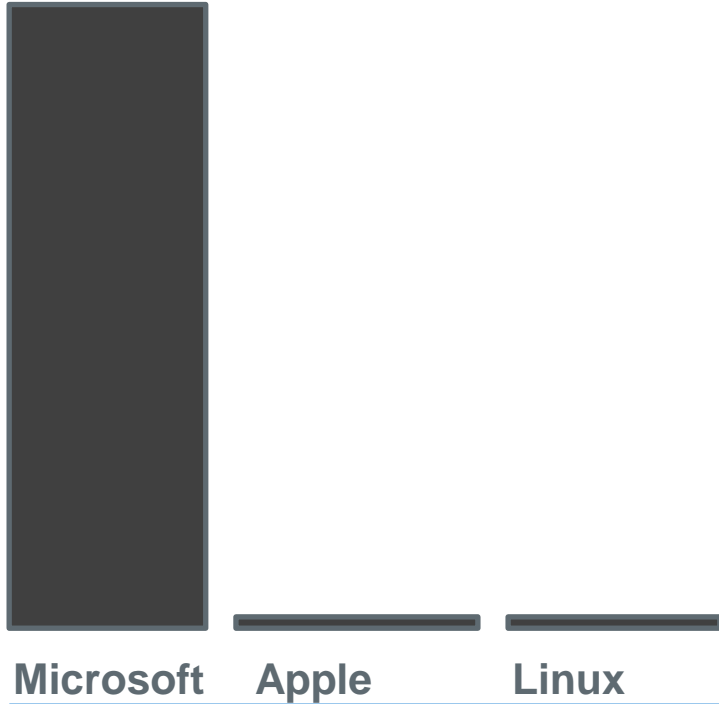
FIGURE 5: ANDROID SAMPLES RECEIVED IN Q1 2012, SORTED BY DETECTION COUNT



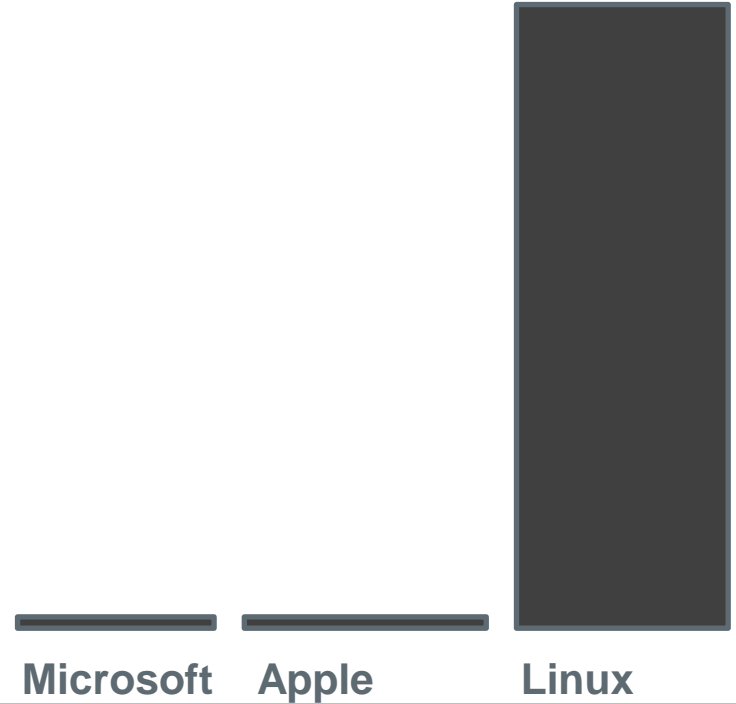
Good vs Bad



Malware distribution across computer platforms



Malware distribution across smartphone platforms





Hactivists







Governmental Attacks

00	00	00	00	ieopera.exe...
00	00	00	00	ieexplore.exe...
25	64	2E	25	firefox.exe.%d.%
19	94	96	94	d.%d.%d.I♥☐↓öüö
15	81	93	1F	<ôâ*h<¿§.↓ öΘEüô▼
14	55	4D	4D	⌵î¼;ô§2ô.....DUMM
19	43	50	21	Y!DUMMY.SYS!ICP!
2D	72	32	64	94062...C3PO-r2d
54	00	00	00	2-POE...%s %d...
54	20	48	54	CONNECT %s=%d HT
FF	FF	FF	FF	TP/1.0.....
74	6F	6E	2E	TTntRadioButton.
00	00	00	00	U...1.01

[c:\virus\zapftis\fsav . /archive
F-Secure Anti-Virus Command Line Scanner, version 9.20.15330
Scans files and system for malware
Copyright © 2001-2009, F-Secure Corporation

Results of virus scanning:

C:\virus\zapftis\scuinst\scscuints.exe_ Infection: Backdoor:W32/R2D2.A

Scanned

Files: 28

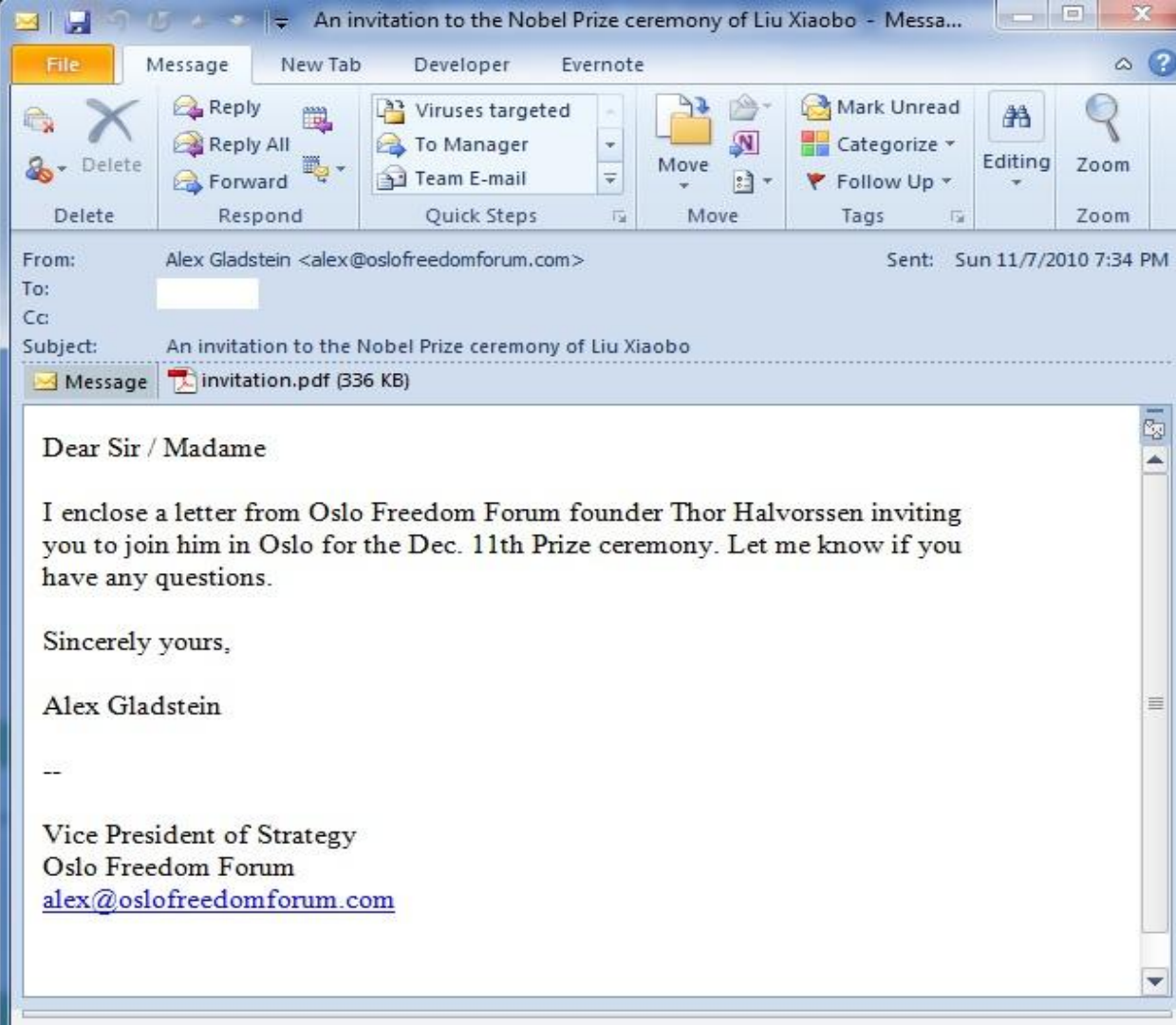
Not scanned: 0

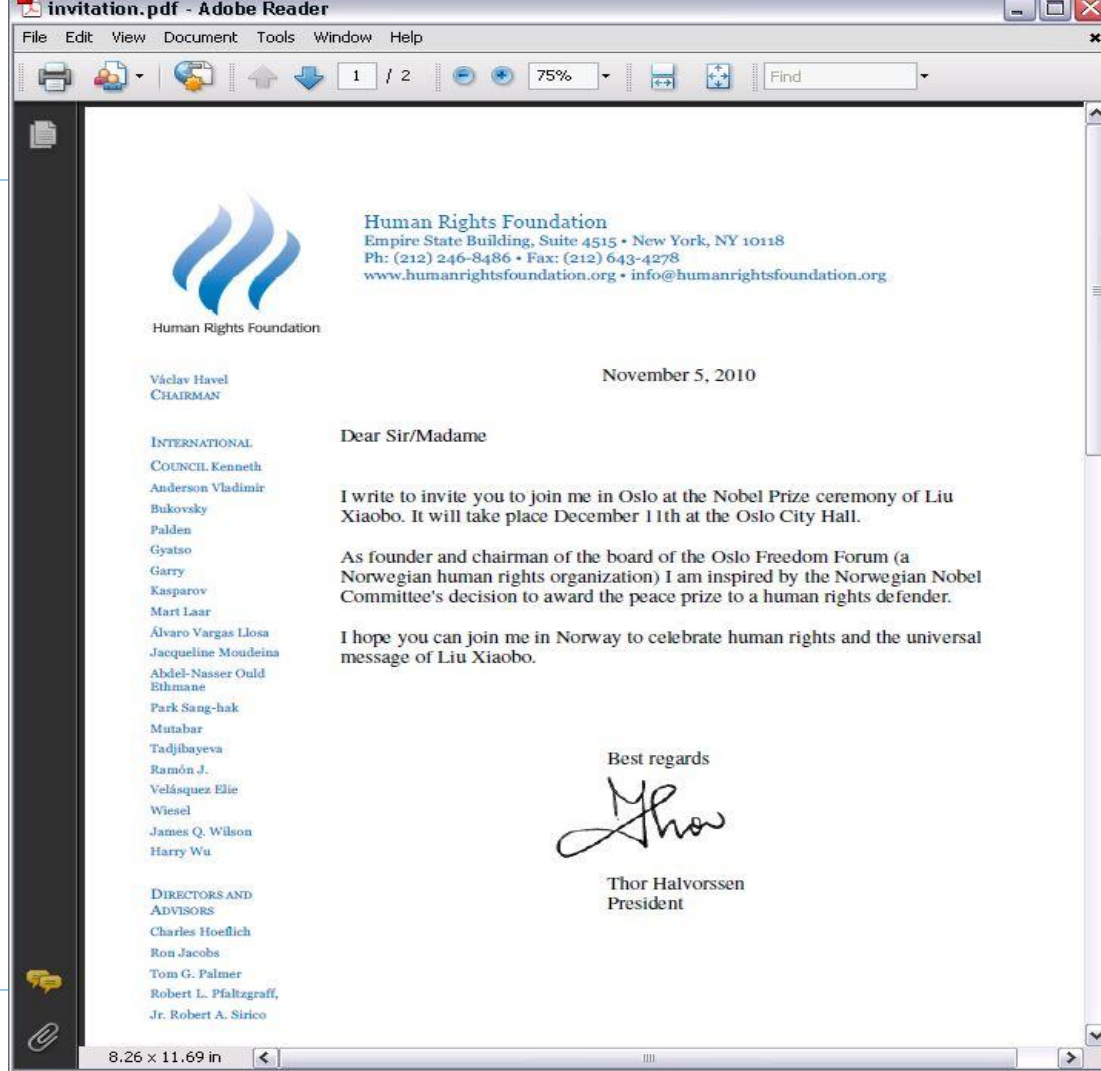
Result

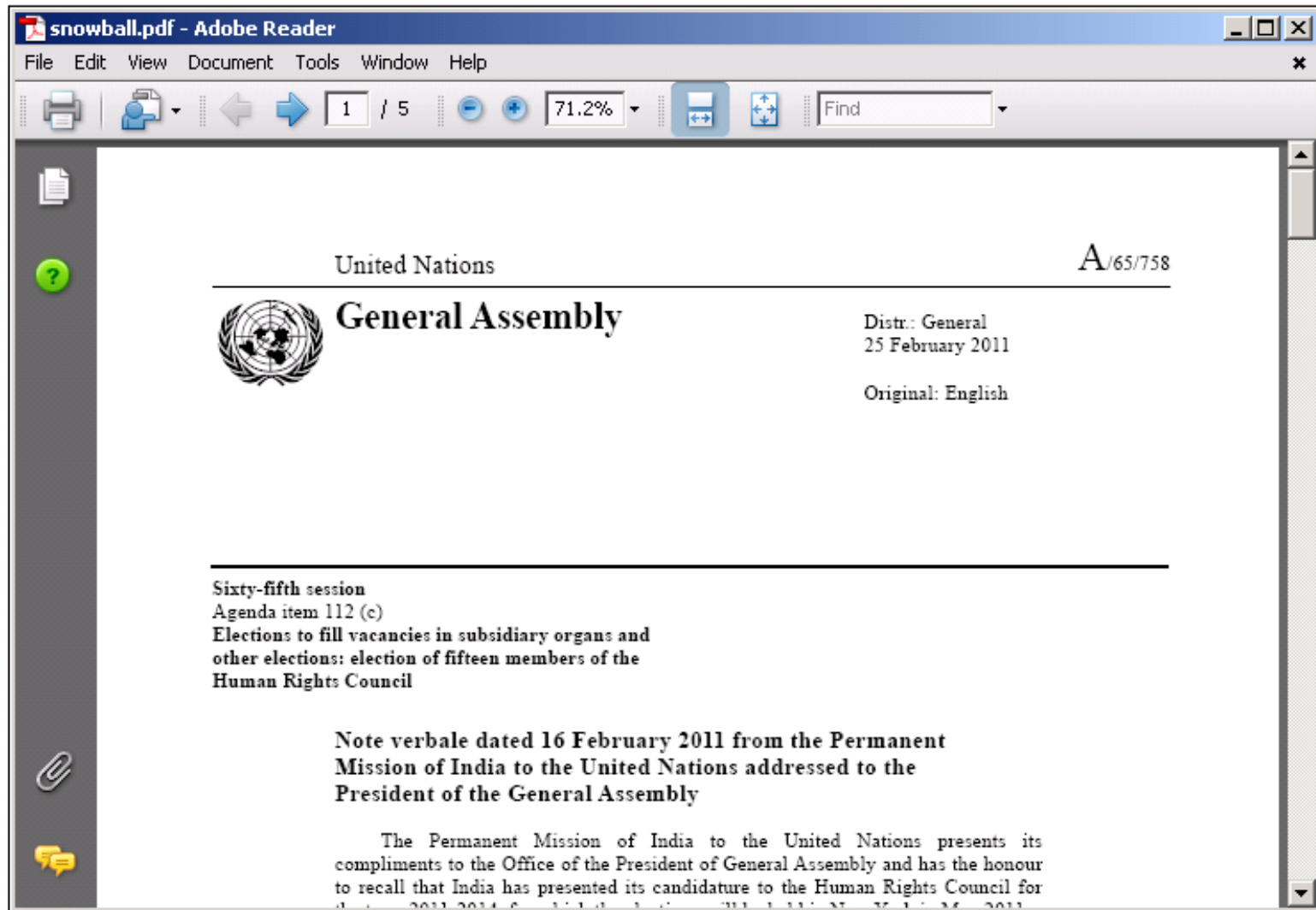
Viruses: 1

Time: 00:10

[c:\virus\zapftis]■





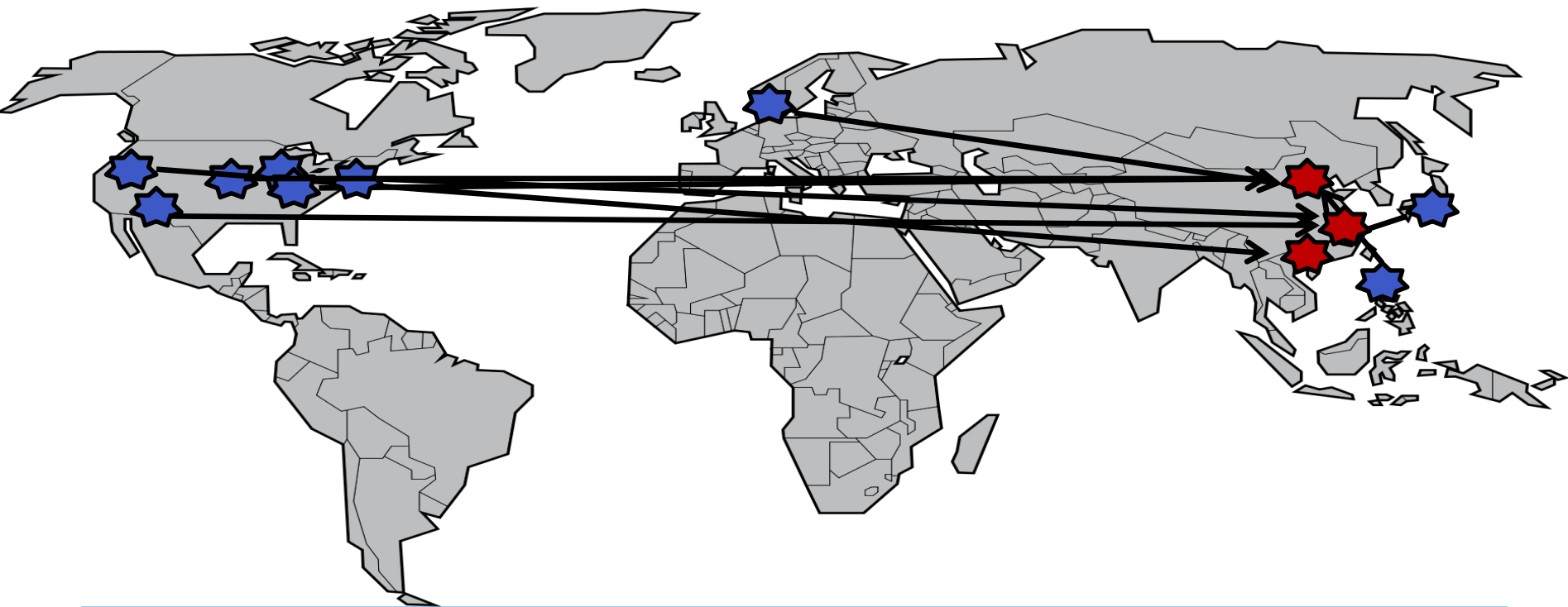


	A	B	C	D	E	F
1	Projects by APEC Fora - Completion Reports Received as at 2 February 2012					
2						
3	Item No.	APEC Fora	Project No.	Project Title	Project End Date	Date Completion Report Receive
4	1	ATCWG	03 2010A	Enhancing Food Security through a Regional Approach and Wide Stakeholder Participation to Plant Biosecurity	31 Dec 2011	
5	2	ATCWG	07 2010A	Risk Communication on Cross-Border Spread of Animal Influenza in Trade Areas of Borders and Communication for Information	31 Dec 2011	
6	3	CTI	02 2011T	Programme for Enhancing the Capacity of APEC Local/Regional Logistics Sub-Providers	31 Dec 2012	20 Dec 2011
7	4	CTI ECSG	14 2011T	APEC Cross Border Privacy Rules: The Value to Industry, Financing and Technology Compliance Aids	31 Dec 2012	11 Nov 2011
8	5	CTI ECSG	16 2011T	Supply Chain Visibility - eCommerce as a Main Driver and Integration Tool	31 Dec 2012	20 Dec 2011
9	6	CTI GOS	25 2010T	Information Exchange of APEC Environmental Services	31 Dec 2011	
10	7	CTI GOS	26 2010T	APEC Legal Services Project	31 Dec 2011	
11	8	CTI GOS	29 2010T	The APEC Services Trade Access Requirements (STAR) Database - Phases 1 and 2	31 Dec 2011	

HTran



HTran



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Title	Location	Date
<input type="text" value="Filter: title"/>	<input type="text" value="Filter: city"/>	<input type="text" value="Filter: date"/>
Red Team Developer (v) Job	Columbia, MD, US	Jan 24, 2012
Sr. Network and Threat Support Specialist (anc-H) Job	Schofield Barracks, HI, US	Jan 26, 2012
Computer Network Analyst 2 (k2) Job	Columbia, MD, US	Jan 22, 2012
Sr. Network Threat Forensics Support Specialist (N) Job	Schofield Barracks, HI, US	Jan 22, 2012
Intelligence Analyst/Reporter (N) Job	Columbia, MD, US	Jan 22, 2012
Intelligence Analyst/Reporter (N) Job	Columbia, MD, US	Jan 22, 2012
Intelligence Analyst/Reporter (N) Job	Columbia, MD, US	Jan 22, 2012

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vulnerability exploit

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Junction, MD, US

Jan 29, 2012

[Computer Network Exploitation Analyst Job](#)Annapolis
Junction, MD, US

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[Computer Network Exploitation Analyst Job](#)Annapolis
Junction, MD, US

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[Computer Network Exploitation Analyst Job](#)Annapolis
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Feb 3, 2012

[Cyber Duty Officer Job](#)Annapolis
Junction, MD, US

Feb 3, 2012

[Counterspace Intelligence Analyst, Mid Job](#)

Dayton, OH, US

Jan 26, 2012

[Chinese Linguist and Intelligence Analyst, Senior Job](#)

Dayton, OH, US

Jan 27, 2012

Date ▼	Job Title	Company Name
02/13/12	Cyber System Engineer 2 - HBSS	NORTHROP GRUMMAN
02/13/12	Cyber Systems Engineer 2 - HBSS	NORTHROP GRUMMAN
02/13/12	Cyber Systems Engineer 3 - HBSS	NORTHROP GRUMMAN
02/13/12	Cyber Systems Engineer 3 - HBSS	NORTHROP GRUMMAN
02/13/12	Cyber Systems Engineer 3 CES	NORTHROP GRUMMAN
02/13/12	Cyber Incident Analyst 3 (LIOT CJ)	NORTHROP GRUMMAN
02/13/12	Vulnerability Analyst 3 (LIOT CJ)	NORTHROP GRUMMAN
02/13/12	Information Systems Security Officer...	NORTHROP GRUMMAN
02/13/12	Security Systems Analyst	NORTHROP GRUMMAN
02/13/12	Cyber Counterintelligence	Raytheon
02/13/12	Sr Cyber Incident Responder (LIOT CJ)	NORTHROP GRUMMAN

Malware Analyst 3 (LIOT CJ)

NORTHROP GRUMMAN

Posted on: 2/13/12

 [View company profile](#)



NORTHROP GRUMMAN

Minimum Security Clearance

Top Secret/SCI Clearance - Top Secret

Location

Arlington, Virginia 20598 ([map](#))

- Workplace: Not Specified
- Travel: Not Specified

This position is contingent upon contract award. This is an exciting opportunity to be part of Northrop Grumman Information System's Cyber Technology & Operations team. The Malware Analyst will support a large government contract that is at the front edge of protecting the nation's greatest information. The Malware Analyst provides planning, policy, requirements, and operations support for DHS. Responsibilities include identification and development of mission enhancement opportunities, reporting on evolving Cyber policy trends and issues, and review and evaluate cyber policy directives/documents. Conduct research that focuses on rapidly emerging cyber threats, and the methods and processes employed by adversary employment of cyber warfare techniques, as well as offensive capabilities. The Malware Analyst will provide support to an enhance Cyber requirements analysis and tracking process, including highly focused studies and analyses to support development of processes for the identification, refinement, and prioritization methodology of Cyber requirements. Resolves highly complex

Cyber Software Engineer 2

NORTHROP GRUMMAN

Posted on: 5/14/12

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Minimum Security Clearance

Secret Clearance - Secret

Location

Millersville, Maryland 21108 [\(map\)](#)

- Workplace: Not Specified
- Travel: Not Specified

Northrop Grumman Information Systems sector is seeking a Cyber Software Engineer 2 to join our team of qualified, diverse individuals. This position will be located in Millersville, MD, Colorado Springs, CO, or Sacramento, CA. **This exciting and fast paced Research and Development project will plan, execute, and assess an Offensive Cyberspace Operation (OCO) mission.** This includes the integration of capabilities such as command linkages, data flows, situational awareness (SA), and command and control (C2) tools..

Roles and Responsibilities:

- * Supports the integration of applications for full spectrum Cyber Operations and simulations
- * Extends existing simulation tools to include cyberspace components
- * Adapts components to a common data integration framework
- * Designs, develops, documents, tests and debugs applications software and systems that contain logical and mathematical solutions, GUI components, interface adaptations, or other glue code
- * Projects a friendly, positive attitude and works cooperatively in a multi-faceted environment; exhibits an ability and desire to self-educate

Qualifications

Posted By

NORTHROP GRUMMAN

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Note: U.S. citizens with active security clearance only can register.

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- b. Forensic analysis of Windows systems, Linux systems, and/or mobile devices.
- c. Commercial, open source or GOTS tools for intrusion detection (e.g., Snort, BroIDS).
- d. Packet capture/evaluation (e.g., tcpdump, ethereal/wireshark, NOSEHAIR).
- e. Network mapping/discovery (e.g., nmap, TRICKLER).
- f. Industry standard system/network tools (e.g., netcat, netstat, traceroute, rpcinfo, nbtscan, snmpwalk, Sysinternals suite).
- g. Exploit development of Microsoft Windows operating systems
- h. Exploit development of Linux operating systems
- i. Exploit development of personal computer device/mobile device operating systems (e.g., Android, Blackberry, iPhone, and iPad.)
- j. Software Reverse Engineering to include use of code disassemblers (e.g., IDA Pro) and debugging unknown code (e.g. Ollydbg)
- k. Analysis of code in memory, including analysis of RAM snapshots, Windows crash dump files, and/or Linux kernel dumps
- l. SID(S2)/NTOC analysis and production working cyber adversary intrusion set/targets, foreign network intelligence analysis or the identification and extraction of digitally transported information

(Active TS/SCI FS Polygraph required)

The ENEMY

Mikko Hypponen
CRO, F-Secure



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Mob. Mac. Mil.